Tabla de logaritmos

N	0	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9
10	0000	0043	0086	0128	0170	0212	0253	0294	0334	0374	4	8	12	17	21	25	29	33	37
11	0414	0453	0492	0531	0569	0607	0645	0682	0719	0755	4	8	11	15	19	23	26	30	34
12	0792	0828	0864	0899	0934	0969	1004	1038	1072	1106	3	7	10	14	17	21	24	28	31
13	1139	1173	1206	1239	1271	1303	1335	1367	1399	1430	3	6	10	13	16	19	23	26	29
14	1461	1492	1523	1553	1584	1614	1644	1673	1703	1732	3	6	9	12	15	18	21	24	27
15	1761	1790	1818	1847	1875	1903	1931	1959	1987	2014	3	6	8	11	14	17	20	22	25
16	2041	2068	2095	2122	2148	2175	2201	2227	2253	2279	3	5	8	11	13	16	18	21	24
17	2304	2330	2355	2380	2405	2430	2455	2480	2504	2529	2	5	7	10	12	15	17	20	22
18	2553	2577	2601	2625	2648	2672	2695	2718	2742	2765	2	5	7	9	12	14	16	19	21
19	2788	2810	2833	2856	2878	2900	2923	2945	2967	2989	2	4	7	9	11	13	16	18	20
20	3010	3032	3054	3075	3096	3118	3139	3160	3181	3201	2	4	6	8	11	13	15	17	19
21	3222	3243	3263	3284	3304	3324	3345	3365	3385	3404	2	4	6	8	10	12	14	16	18
22	3424	3444	3464	3483	3502	3522	3541	3560	3579	3598	2	4	6	8	10	12	14	15	17
23	3617	3636	3655	3674	3692	3711	3729	3747	3766	3784	2	4	6	7	9	11	13	15	17
24	3802	3820	3838	3856	3874	3892	3909	3927	3945	3962	2	4	5	7	9	11	12	14	16
25	3979	3997	4014	4031	4048	4065	4082	4099	4116	4133	2	3	5	7	9	10	12	14	15
26	4150	4166	4183	4200	4216	4232	4249	4265	4281	4298	2	3	5	7	8	10	11	13	15
27	4314	4330	4346	4362	4378	4393	4409	4425	4440	4456	2	3	5	6	8	9	11	13	14
28	4472	4487	4502	4518	4533	4548	4564	4579	4594	4609	2	3	5	6	8	9	11	12	14
29	4624	4639	4654	4609	4683	4698	4713	4728	4742	4757	1	3	4	6	7	9	10	12	13
30	4771	4786	4800	4814	4829	4843	4857	4871	4886	4900	1	3	4	6	7	9	10	11	13
31	4914	4928	4942	4955	4969	4983	4997	5011	5024	5038	1	3	4	6	7	8	10	11	12
32	5051	5065	5079	5092	5105	5119	5132	5145	5159	5172	1	3	4	5	7	8	9	11	12
33	5185	5198	5211	5224	5237	5250	5263	5276	5289	5302	1	3	4	5	6	8	9	10	12
34	5315	5328	5340	5353	5366	5378	5391	5403	5416	5428	1	3	4	5	6	8	9	10	11
35	5441	5453	5465	5478	5490	5502	5514	5527	5539	5551	1	2	4	5	6	7	9	10	11
36	5563	5575	5587	5599	5611	5623	5635	5647	5658	5670	1	2	4	5	6	7	8	10	11
37	5682	5694	5705	5717	5729	5740	5752	5763	5775	5786	1	2	3	5	6	7	8	9	10
38	5798	5809	5821	5832	5843	5855	5866	5877	5888	5899	1	2	3	5	6	7	8	9	10
39	5911	5922	5933	5944	5955	5966	5977	5988	5999	6010	1	2	3	4	5	7	8	9	10
40	6021	6031	6042	6053	6064	6075	6085	6096	6107	6117	1	2	3	4	5	6	8	9	10
41	6128	6138	6149	6160	6170	6180	6191	6201	6212	6222	1	2	3	4	5	6	7	8	9
42	6232	6243	6253	6263	6274	6284	6294	6304	6314	6325	1	2	3	4	5	6	7	8	9
43	6335	6345	6355	6365	6375	6385	6395	6405	6415	6425	1	2	3	4	5	6	7	8	9
44	6435	6444	6454	6464	6474	6484	6493	6503	6513	6522	1	2	3	4	5	6	7	8	9
45	6532	6542	6551	6561	6571	6580	6590	6599	6609	6618	1	2	3	4	5	6	7	8	9
46	6628	6637	6646	6656	6665	6675	6684	6693	6702	6712	1	2	3	4	5	6	7	7	8
47	6721	6730	6739	6749	6758	6767	6776	6785	6794	6803	1	2	3	4	5	5	6	7	8
48	6812	6821	6830	6839	6848	6857	6866	6875	6884	6893	1	2	3	4	4	5	6	7	8
49	6902	6911	6920	6928	6937	6946	6955	.6964	6972	6981	1	2	3	4	4	5	6	7	8
50	6990	6998	7007	7016	7024	7033	7042	7050	7059	7067	1	2	3	3	4	5	6	7	8
51	7076	7084	7093	7101	7110	7118	7126	7135	7143	7152	1	2	3	3	4	5	6	7	8
52	7160	7168	7177	7185	7193	7202	7210	7218	7226	7235	1	2	2	3	4	5	6	7	7
53	7243	7251	7259	7267	7275	7284	7292	7300	7308	7316	1	2	2	3	4	5	6	6	7
54	7324	7332	7340	7348	7356	7364	7372	7380	7388	7396	1	2	2	3	4	5	6	6	7
N	0	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9

Tabla de logaritmos (*cont…*)

N	0	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9
55	7404	7412	7419	7427	7435	7443	7451	7459	7466	7474	1	2	2	3	4	5	5	6	7
56	7482	7490	7497	7505	7513	7520	7528	7536	7543	7551	1	2	2	3	4	5	5	6	7
57	7559	7566	7574	7582	7589	7597	7604	7612	7619	7627	1	2	2	3	4	5	5	6	7
58	7634	7642	7649	7657	7664	7672	7679	7686	7694	7701	1	1	2	3	4	4	5	6	7
59	7709	7716	7723	7731	7738	7745	7752	7760	7767	7774	1	1	2	3	4	4	5	6	7
60	7782	7780	7796	7803	7810	7818	7825	7832	7839	7846	1	1	2	3	4	4	5	6	6
61	7853	7860	7868	7875	7882	7889	7896	7903	7910	7917	1	1	2	3	4	4	5	6	6
62	7924	7931	7938	7945	7952	7959	7966	7973	7980	7987	1	1	2	3	3	4	5	6	6
63	7993	8000	8007	8014	8021	8028	8035	8041	8048	8055	1	1	2	3	3	4	5	5	6
64	8062	8069	8075	8082	8089	8096	8102	8109	8116	8122	1	1	2	3	3	4	5	5	6
65	8129	8136	8142	8149	8156	8162	8169	8176	8182	8189	1	1	2	3	3	4	5	5	6
66	8195	8202	8209	8215	8222	8228	8235	8241	8248	8254	1	1	2	3	3	4	5	5	6
67	8261	8267	8274	8280	8287	8293	8299	8306	8312	8319	1	1	2	3	3	4	5	5	6
68	8325	8331	8338	8344	8351	8357	8363	8370	8376	8382	1	1	2	3	3	4	4	5	6
69	8388	8395	8401	8407	8414	8420	8426	8432	8439	8445	1	1	2	2	3	4	4	5	6
70	8451	8457	8463	8470	8476	8482	8488	8494	8500	8506	1	1	2	2	3	4	4	5	6
71	8513	8519	8525	8531	8537	8543	8549	8555	8561	8567	1	1	2	2	3	4	4	5	5
72	8573	8579	8585	8591	8597	8603	8609	8615	8621	8627	1	1	2	2	3	4	4	5	5
73	8633	8639	8645	8651	8657	8663	8669	8675	8681	8686	1	1	2	2	3	4	4	5	5
74	8692	8698	8704	8710	8716	8722	8727	8733	8739	8745	1	1	2	2	3	4	4	5	5
75	8751	8756	8762	8768	8774	8779	8785	8791	8797	8802	1	1	2	2	3	3	4	5	5
76	8808	8814	8820	8825	8831	8837	8842	8848	8854	8859	1	1	2	2	3	3	4	5	5
77	8865	8871	8876	8882	8887	8893	8899	8904	8910	8915	1	1	2	2	3	3	4	4	5
78	8921	8927	8932	8938	8943	8949	8954	8960	8965	8971	1	1	2	2	3	3	4	4	5
79	8976	8982	8987	8993	8998	9004	9009	9015	9020	9025	1	1	2	2	3	3	4	4	5
80	9031	9036	9042	9047	9053	9058	9063	9069	9074	9079	1	1	2	2	3	3	4	4	5
81	9085	9090	9096	9101	9106	9112	9117	9122	9128	9133	1	1	2	2	3	3	4	4	5
82	9138	9143	9149	9154	9159	9165	9170	9175	9180	9186	1	1	2	2	3	3	4	4	5
83	9191	9196	9201	9206	9212	9217	9222	9227	9232	9238	1	1	2	2	3	3	4	4	5
84	9243	9248	9253	9258	9263	9269	9274	9279	9284	9289	1	1	2	2	3	3	4	4	5
85	9294	9299	9304	9309	9315	9320	9325	9330	9335	9340	1	1	2	2	3	3	4	4	5
86	9345	9350	9355	9360	9365	9370	9375	9380	9385	9390	1	1	2	2	3	3	4	4	5
87	9395	9400	9405	9410	9415	9420	9425	9430	9435	9440	0	1	2	2	2	2	3	4	4
88	9445	9450	9455	9460	9465	9469	9474	9479	9484	9489	0	1	2	2	2	3	3	4	4
89	9494	9499	9504	9509	9513	9518	9523	9528	9533	9538	0	1	2	2	2	3	3	4	4
90	9542	9547	9552	9557	9562	9566	9571	9576	9581	9586	0	1	2	2	2	3	3	4	4
91	9590	9595	9600	9605	9609	9614	9619	9624	9628	9633	0	1	2	2	2	3	3	4	4
92	9638	9643	9647	9652	9657	9661	9666	9671	9675	9680	0	1	1	2	2	3	3	4	4
93	9685	9689	9694	9699	9703	9708	9713	9717	9722	9727	0	1	1	2	2	3	3	4	4
94	9731	9736	9741	9745	9750	9754	9759	9763	9768	9773	0	1	1	2	2	3	3	4	4
95	9777	9782	9786	9791	9795	9800	9805	9809	9814	9818	0	1	1	2	2	3	3	4	4
96	9823	9827	9832	9836	9841	9845	9850	9854	9859	9863	0	1	1	2	2	3	3	4	4
97	9868	9872	9877	9881	9886	9890	9894	9899	9903	9908	0	1	1	2	2	3	3	4	4
98	9912	9917	9921	9926	9930	9934	9939	9943	9948	9952	0	1	1	2	2	3	3	4	4
99	9956	9961	9965	9969	9974	9978	9983	9987	9991	9996	0	1	1	2	2	3	3	3	4
N	0	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9

Tabla de antilogaritmos

N	0	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9
.00	1000	1002	1005	1007	1009	1012	1014	1016	1019	1021	0	0	1	1	1	1	2	2	2
.01	1023	1026	1028	1030	1033	1035	1038	1040	1042	1045	0	0	1	1	1	1	2	2	2
.02	1047	1050	1052	1054	1057	1059	1062	1064	1067	1069	0	0	1	1	1	1	2	2	2
.03	1072	1074	1076	1079	1081	1084	1086	1089	1091	1094	0	0	1	1	1	1	2	2	2
.04	1096	1099	1102	1104	1107	1109	1112	1114	1117	1119	0	1	1	1	1	2	2	2	2
.05	1122	1125	1127	1130	1132	1135	1138	1140	1143	1146	0	1	1	1	1	2	2	2	2
.06	1148	1151	1153	1156	1159	1161	1164	1167	1169	1172	0	1	1	1	1	2	2	2	2
.07	1175	1178	1180	1183	1186	1189	1191	1194	1197	1199	0	1	1	1	1	2	2	2	2
.08	1202	1205	1208	1211	1213	1216	1219	1222	1225	1227	0	1	1	1	1	2	2	2	3
.09	1230	1233	1236	1239	1242	1245	1247	1250	1253	1256	0	1	1	1	1	2	2	2	3
.10	1259	1262	1265	1268	1271	1274	1276	1279	1282	1285	0	1	1	1	1	2	2	2	3
.11	1288	1291	1294	1297	1300	1303	1306	1309	1312	1315	0	1	1	1	2	2	2	2	3
.12	1318	1321	1324	1327	1330	1334	1337	1340	1343	1346	0	1	1	1	2	2	2	2	3
.13	1349	1352	1355	1358	1361	1365	1368	1371	1374	1377	0	1	1	1	2	2	2	3	3
.14	1380	1384	1387	1390	1393	1396	1400	1403	1406	1409	0	1	1	1	2	2	2	3	3
.15	1413	1416	1419	1422	1426	1429	1432	1435	1439	1442	0	1	1	1	2	2	2	3	3
.16	1445	1449	1452	1455	1459	1462	1466	1469	1472	1476	0	1	1	1	2	2	2	3	3
.17	1479	1483	1486	1489	1493	1496	1500	1503	1507	1510	0	1	1	1	2	2	2	3	3
.18	1514	1517	1521	1524	1528	1431	1535	1538	1542	1545	0	1	1	1	2	2	2	3	3
.19	1549	1552	1556	1560	1563	1567	1570	1574	1478	1581	0	1	1	1	2	2	3	3	3
.20	1585	1589	1592	1596	1600	1603	1607	1611	1614	1618	0	1	1	1	2	2	3	3	3
.21	1622	1626	1629	1633	1637	1641	1644	1648	1652	1656	0	1	1	2	2	2	3	3	3
.22	1660	1663	1667	1671	1675	1679	1683	1687	1690	1694	0	1	1	2	2	2	3	3	3
.23	1698	1702	1706	1710	1714	1718	1722	1726	1730	1734	0	1	1	2	2	2	3	3	4
.24	1738	1742	1746	1750	1754	1758	1762	1766	1770	1774	0	1	1	2	2	2	3	3	4
.25	1778	1782	1786	1791	1795	1799	1803	1807	1811	1816	0	1	1	2	2	2	3	3	4
.26	1820	1824	1828	1832	1837	1841	1845	1849	1854	1858	0	1	1	2	2	3	3	3	4
.27	1862	1866	1871	1875	1879	1884	1888	1892	1897	1901	0	1	1	2	2	3	3	3	4
.28	1905	1910	1914	1919	1923	1928	1932	1936	1941	1945	0	1	1	2	2	3	3	4	4
.29	1950	1954	1959	1963	1968	1972	1977	1982	1986	1991	0	1	1	2	2	3	3	4	4
.30	1995	2000	2004	2009	2014	2018	2023	2028	2032	2037	0	1	1	2	2	3	3	4	4
.31	2042	2046	2051	2056	2061	2065	2070	2075	2080	2084	0	1	1	2	2	3	3	4	4
.32	2089	2094	2099	2104	2109	2113	2118	2123	2128	2133	0	1	1	2	2	3	3	4	4
.33	2138	2143	2148	2153	2158	2163	2168	2173	2178	2183	0	1	1	2	2	3	3	4	4
.34	2188	2193	2198	2203	2208	2213	2218	2223	2228	2234	1	1	2	2	3	3	4	4	5
.35	2239	2244	2249	2254	2259	2265	2270	2275	2280	2286	1	1	2	2	3	3	4	4	5
.36	2291	2296	2301	2307	2312	2317	2323	2328	2333	2339	1	1	2	2	3	3	4	4	5
.37	2344	2350	2355	2360	2366	2371	2377	2382	2388	2393	1	1	2	2	3	3	4	4	5
.38	2399	2404	2410	2415	2421	2427	2432	2438	2443	2449	1	1	2	2	3	3	4	4	5
.39	2455	2460	2466	2472	2477	2483	2489	2495	2500	2506	1	1	2	2	3	3	4	5	5
.40	2512	2518	2523	2529	2535	2541	2547	2553	2559	2564	1	1	2	2	3	4	4	5	5
.41	2570	2576	2582	2588	2594	2600	2606	2612	2618	2624	1	1	2	2	3	4	4	5	5
.42	2630	2636	2642	2649	2655	2661	2667	2673	2679	2685	1	1	2	2	3	4	4	5	6
.43	2692	2698	2704	2710	2716	2723	2729	2735	2742	2748	1	1	2	3	3	4	4	5	6
.44	2754	2761	2767	2773	2780	2786	2793	2799	2805	2812	1	1	2	3	3	4	4	5	6
.45	2818	2825	2831	2838	2844	2851	2858	2864	2871	2877	1	1	2	3	3	4	5	5	6
.46	2884	2891	2897	2904	2911	2917	2924	2931	2938	2944	1	1	2	3	3	4	5	5	6
.47	2951	2958	2965	2972	2979	2985	2992	2999	3006	3013	1	1	2	3	3	4	5	5	6
.48	3020	3027	3034	3041	3048	3055	3062	3069	3076	3083	1	1	2	3	3	4	5	6	6
.49	3090	3097	3105	3112	3119	3126	3133	3141	3148	3155	1	1	2	3	3	4	5	6	6
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Tabla de antilogaritmos (*cont…*)

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.51	3236	3243	3251	3258	3266	3273	3281	3289	3296	3304	1	2	2	3	4	5	5	6	7
.52	3311	3319	3327	3334	3342	3350	3357	3365	3373	3381	1	2	2	3	4	5	5	6	7
.53	3388	3396	3404	3412	3420	3428	3436	3443	3451	3459	1	2	2	3	4	5	6	6	7
.54	3467	3475	3483	3491	3499	3508	3516	3524	3532	3540	1	2	2	3	4	5	6	6	7
.55	3548	3556	3565	3573	3581	3589	3597	3606	3614	3622	1	2	2	3	4	5	6	7	7
.56	3631	3639	3648	3656	3664	3673	3681	3690	3698	3707	1	2	3	3	4	5	6	7	8
.57	3715	3724	3733	3741	3750	3758	3767	3776	3784	3793	1	2	3	3	4	5	6	7	8
.58	3802	3811	3819	3828	3837	3846	3855	3864	3873	3882	1	1	3	4	4	5	6	7	8
.59	3890	3899	3908	3917	3926	3936	3945	3954	3963	3972	1	2	3	4	5	5	6	7	8
.60	3981	3990	3999	4009	4018	4027	4036	4046	4055	4064	1	2	3	4	5	6	6	7	8
.61	4074	4083	4093	4102	4111	4121	4130	4140	4150	4159	1	2	3	4	5	6	7	8	9
.62	4169	4178	4188	4198	4207	4217	4227	4236	4246	4256	1	2	3	4	5	6	7	8	9
.63	4266	4276	4285	4295	4305	4315	4325	4335	4345	4355	1	2	3	4	5	6	7	8	9
.64	4365	4375	4385	4395	4406	4416	4426	4436	4446	4457	1	2	3	4	5	6	7	8	9
.65	4467	4477	4487	4498	4508	4519	4529	4539	4550	4560	1	2	3	4	5	6	7	8	9
.66	4571	4581	4592	4603	4613	4624	4634	4645	4656	4667	1	2	3	4	5	6	7	9	10
.67	4677	4688	4699	4710	4721	4732	4742	4753	4764	4775	1	2	3	4	5	7	8	9	10
.68	4786	4797	4808	4819	4831	4842	4853	4864	4875	4887	1	2	3	4	6	7	8	9	10
.69	4898	4909	4920	4932	4943	4955	4966	4977	4989	5000	1	2	3	5	6	7	8	9	10
.70	5012	5023	5035	5047	5058	5070	5082	5093	5105	5117	1	2	4	5	6	7	8	9	11
.71	5129	5140	5152	5164	5176	5188	5200	5212	5224	5236	1	2	4	5	6	7	8	10	11
.72	5248	5260	5272	5284	5297	5309	5321	5333	5346	5358	1	2	4	5	6	7	9	10	11
.73	5370	5383	5395	5408	5420	5433	5445	5458	5470	5483	1	3	4	5	6	8	9	10	11
.74	5495	5508	5521	5534	5546	5559	5572	5585	5598	5610	1	3	4	5	6	8	9	10	12
.75	5623	5636	5649	5662	5675	5689	5702	5715	5728	5741	1	3	4	5	7	8	9	10	12
.76	5754	5768	5781	5794	5808	5821	5834	5848	5861	5875	1	3	4	5	7	8	9	11	12
.77	5888	5902	5916	5929	5943	5957	5970	5984	5998	6012	1	3	4	5	7	8	10	11	12
.78	6026	6039	6053	6067	6081	6095	6109	6124	6138	6152	1	3	4	6	7	8	10	11	13
.79	6166	6180	6194	6209	6223	6237	6252	6266	6281	6295	1	3	4	6	7	9	10	11	13
.80	6310	6324	6339	6353	6368	6383	6397	6412	6427	6442	1	3	4	6	7	9	10	12	13
.81	6457	6471	6486	6501	6516	6531	6546	6561	6577	6592	2	3	5	6	8	9	11	12	14
.82	6607	6622	6637	6653	6668	6683	6699	6714	6730	6745	2	3	5	6	8	9	11	12	14
.83	6761	6776	6792	6808	6823	6839	6855	6871	6887	6902	2	3	5	6	8	9	11	13	14
.84	6918	6934	6950	6966	6982	6998	7015	7031	7047	7063	2	3	5	6	8	10	11	13	15
.85	7079	7096	7112	7129	7145	7161	7178	7194	7211	7228	2	3	5	7	8	10	12	13	15
.86	7244	7261	7278	7295	7311	7328	7345	7362	7379	7396	2	3	5	7	8	10	12	13	15
.87	7413	7430	7447	7464	7482	7499	7516	7534	7551	7568	2	3	5	7	9	10	12	14	16
.88	7586	7603	7621	7638	7656	7674	7691	7709	7727	7745	2	4	5	7	9	11	12	14	16
.89	7762	7780	7798	7819	7834	7852	7870	7889	7907	7925	2	4	5	7	9	11	13	14	16
.90	7943	7962	7980	7998	8017	8035	8054	8072	8091	8110	2	4	6	7	9	11	13	15	17
.91	8128	8147	8166	8185	8204	8222	8241	8260	8279	8299	2	4	6	8	9	11	13	15	17
.92	8318	8337	8356	8375	8395	8414	8433	8453	8472	8492	2	4	6	8	10	12	14	15	17
.93	8511	8531	8551	8570	8590	8610	8630	8650	8670	8690	2	4	6	8	10	12	14	16	18
.94	8710	8730	8750	8770	8790	8810	8831	8851	8872	8892	2	4	6	8	10	12	14	16	18
.95	8913	8933	8954	8974	8995	9016	9036	9057	9078	9099	2	4	6	8	10	12	15	17	19
.96	9120	9141	9162	9183	9204	9226	9247	9268	9290	9311	2	4	6	8	11	13	15	17	19
.97	9333	9354	9376	9397	9419	9441	9462	9484	9506	9528	2	4	7	9	11	13	15	17	20
.98	9550	9572	9594	9616	9638	9661	9683	9705	9727	9750	2	4	7	9	11	13	16	18	20
.99	9772	9795	9817	9840	9863	9886	9908	9931	9954	9977	2	4	7	9	11	14	16	18	20
N	0	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9

Tabla de valores de las funciones trigonométricas

Grados	Radianes	Sen	tan	Ctg	Cos		
0° 00'	.0000	.0000	.0000		1.0000	1.5708	90° 00'
10'	.0029	.0029	.0029	343.77	1.0000	1.5679	50'
20'	.0058	.0058	.0058	171.89	1.0000	1.5650	40'
30'	.0087	.0087	.0087	114.59	1.0000	1.5621	30'
40'	.0116	.0116	.0116	85.940	.9999	1.5592	20'
50'	.0145	.0145	.0145	68.750	.9999	1.5563	10'
1° 00'	.0175	.0175	.0175	57.290	.9998	1.5533	89° 00'
10'	.0204	.0204	.0204	49.104	.9998	1.5504	50'
20'	.0233	.0233	.0233	42.964	.9997	1.5475	40'
30'	.0262	.0262	.0262	38.188	.9997	1.5446	30'
40'	.0291	.0291	.0291	34.368	.9996	1.5417	20'
50'	.0320	.0320	.0320	31.242	.9995	1.5388	10'
2° 00'	.0349	.0349	.0349	28.636	.9994	1.5359	88° 00'
10'	.0378	.0378	.0378	26.432	.9993	1.5330	50'
20'	.0407	.0407	.0407	24.542	.9992	1.5301	40'
30'	.0436	.0436	.0437	22.904	.9990	1.5272	30'
40'	.0465	.0465	.0466	21.470	.9989	1.5243	20'
50'	.0495	.0494	.0495	20.206	.9988	1.5213	10'
3° 00'	.0524	.0523	.0524	19.081	.9986	1.5184	87° 00'
10'	.0553	.0552	.0553	18.075	.9985	1.5155	50'
20'	.0582	.0581	.0582	17.169	.9983	1.5126	40'
30'	.0611	.0610	.0612	16.350	.9981	1.5097	30'
40'	.0640	.0640	.0641	15.605	.9980	1.5068	20'
50'	.0669	.0669	.0670	14.924	.9978	1.5039	10'
4° 00'	.0698	.0698	.0699	14.301	.9976	1.501	86° 00'
10'	.0727	.0727	.0729	13.727	.9974	1.4981	50'
20'	.0756	.0756	.0758	13.197	.9971	1.4952	40'
30'	.0785	.0785	.0787	12.706	.9969	1.4923	30'
20'	.0814	.0814	.0816	12.251	.9967	1.4893	20'
50'	.0844	.0843	.0846	11.826	.9964	1.4864	10'
5° 00'	.0873	.0872	.0875	11.430	.9962	1.4835	85° 00'
10'	.0902	.0901	.0904	11.059	.9959	1.4806	50'
20'	.0931	.0929	.0934	10.712	.9957	1.4777	40'
30'	.0960	.0958	.0963	10.385	.9954	1.4748	30'
40'	.0989	.0987	.0992	10.078	.9951	1.4719	20'
50'	.1018	.1016	.1022	9.7882	.9948	1.4690	10'
6° 00'	.1047	.1045	.1051	9.5144	.9945	1.4661	84° 00'
10'	.1076	.1074	.1080	9.2553	.9942	1.4632	50'
20'	.1105	.1103	.1110	9.0098	.9939	1.4603	40'
30'	.1134	.1132	.1139	8.7769	.9936	1.4573	30'
40'	.1164	.1161	.1169	8.5555	.9932	1.4544	20'
50'	.1193	.1190	.1198	8.3450	.9929	1.4515	10'
7° 00'	.1222	.1219	.1228	8.1443	.9925	1.4486	83° 00'
10'	.1251	.1248	.1257	7.9530	.9922	1.4457	50'
20'	.1280	.1276	.1287	7.7704	.9918	1.4428	40'
30'	.1309	.1305	.1317	7.5958	.9914	1.4399	30'
40'	.1338	.1334	.1346	7.4287	.9911	1.4370	20'
50'	.1367	.1363	.1376	7.2687	.9907	1.4341	10'
8° 00'	.1396	.1392	.1405	7.1154	.9903	1.4312	82° 00'
10'	.1425	.1421	.1435	6.9682	.9899	1.4283	50'
20'	.1454	.1449	.1465	6.8269	.9894	1.4254	40'
30'	.1484	.1478	.1495	6.6912	.9890	1.4224	30'
40'	.1513	.1507	.1524	6.5606	.9886	1.4195	20'
50'	.1542	.1536	.1554	6.4348	.9881	1.4166	10'
9° 00'	.1571	.1564	.1584	6.3138	.9877	1.4137	81° 00'
		Cos	Ctg	tan	Sen	Radianes	Grados

Tabla de valores de las funciones trigonométricas (*cont…*)

Grados	Radianes	Sen	tan	Ctg	Cos		
9° 00'	.1571	.1564	.1584	6.3138	.9877	1.4137	81° 00'
10'	.1600	.1593	.1614	6.1970	.9872	1.4108	50'
20'	.1629	.1622	.1644	6.0844	.9868	1.4079	40'
30'	.1658	.1650	.1673	5.9758	.9863	1.4050	30'
40'	.1687	.1679	.1703	5.8708	.9858	1.4021	20'
50'	.1716	.1708	.1733	5.7694	.9853	1.3992	10'
10° 00'	.1745	.1736	.1763	5.6713	.9848	1.3963	80° 00'
10'	.1774	.1765	.1793	5.5764	.9843	1.3934	50'
20'	.1804	.1794	.1823	5.4845	.9838	1.3904	40'
30'	.1833	.1822	.1853	5.3955	.9833	1.3875	30'
40'	.1862	.1851	.1883	5.3093	.9827	1.3846	20'
50'	.1891	.1880	.1914	5.2257	.9822	1.3817	10'
11° 00'	.1920	.1908	.1944	5.1446	.9816	1.3788	79° 00'
10'	.1949	.1937	.1974	5.0658	.9811	1.3759	50'
20'	.1978	.1965	.2004	4.9894	.9805	1.3730	40'
30'	.2007	.1994	.2035	4.9152	.9799	1.3701	30'
40'	.2036	.2022	.2065	4.8430	.9793	1.3672	20'
50'	.2065	.2051	.2095	4.7729	.9787	1.3643	10'
12° 00'	.2094	.2079	.2126	4.7046	.9781	1.3614	78° 00'
10'	.2123	.2108	.2156	4.6382	.9775	1.3584	50'
20'	.2153	.2136	.2186	4.5736	.9769	1.3555	40'
30'	.2182	.2164	.2217	4.5107	.9763	1.3526	30'
40'	.2211	.2193	.2247	4.4494	.9757	1.3497	20'
50'	.2240	.2221	.2278	4.3897	.9750	1.3468	10'
13° 00'	.2269	.2250	.2309	4.3315	.9744	1.3439	77° 00'
10'	.2298	.2278	.2339	4.2747	.9737	1.3410	50'
20'	.2327	.2306	.2370	4.2193	.9730	1.3381	40'
30'	.2356	.2334	.2401	4.1653	.9724	1.3352	30'
40'	.2385	.2363	.2432	4.1126	.9717	1.3323	20'
50'	.2414	.2391	.2462	4.0611	.9710	1.3294	10'
14° 00'	.2443	.2419	.2493	4.0108	.9703	1.3265	76° 00'
10'	.2473	.2447	.2424	3.9617	.9696	1.3235	50'
20'	.2502	.2476	.2555	3.9136	.9689	1.3206	40'
30'	.2531	.2504	.2586	3.8667	.9681	1.3177	30'
40'	.2560	.2532	.2617	3.8208	.9674	1.3148	20'
50'	.2589	.2560	.2648	3.7760	.9667	1.3119	10'
15° 00'	.2618	.2588	.2679	3.7321	.9659	1.3090	75° 00'
10'	.2647	.2616	.2711	3.6891	.9652	1.3061	50'
20'	.2676	.2644	.2742	3.6470	.9644	1.3032	40'
30'	.2705	.2672	.2773	3.6059	.9636	1.3003	30'
40'	.2734	.2700	.2805	3.5656	.9628	1.2974	20'
50'	.2763	.2728	.2836	3.5261	.9621	1.2945	10'
16° 00'	.2793	.2756	.2867	3.4874	.9613	1.2915	74° 00'
10'	.2822	.2784	.2899	3.4495	.9605	1.2886	50'
20'	.2851	.2812	.2931	3.4124	.9596	1.2857	40'
30'	.2880	.2840	.2962	3.3759	.9588	1.2828	30'
40'	.2909	.2868	.2994	3.3402	.9580	1.2799	20'
50'	.2938	.2896	.3026	3.3052	.9572	1.2770	10'
17° 00'	.2967	.2924	.3057	3.2709	.9563	1.2741	73° 00'
10'	.2996	.2952	.3089	3.2371	.9555	1.2712	50'
20'	.3025	.2979	.3121	3.2041	.9546	1.2683	40'
30'	.3054	.3007	.3153	3.1716	.9537	1.2654	30'
40'	.3083	.3035	.3185	3.1397	.9528	1.2625	20'
50'	.3113	.3062	.3217	3.1084	.9520	1.2595	10'
18° 00'	.3142	.3090	.3249	3.0777	.9511	1.2566	72° 00'
		Cos	Ctg	tan	Sen	Radianes	Grados

Tabla de valores de las funciones trigonométricas (*cont…*)

Grados	Radianes	Sen	tan	Ctg	Cos		
18° 00'	.3142	.3090	.3249	3.0777	.9511	1.2566	72° 00'
10'	.3171	.3118	.3281	3.0475	.9502	1.2537	50'
20'	.3200	.3145	.3314	3.0178	.9492	1.2508	40'
30'	.3229	.3173	.3346	2.9887	.9483	1.2479	30'
40'	.3258	.3201	.3378	2.9600	.9474	1.2450	20'
50'	.3287	.3228	.3411	2.9319	.9465	1.2421	10'
19° 00'	.3316	.3256	.3443	2.9042	.9455	1.2392	71° 00'
10'	.3345	.3283	.3476	2.8770	.9446	1.2363	50'
20'	.3374	.3311	.3508	2.8502	.9436	1.2334	40'
30'	.3403	.3338	.3541	2.8239	.9426	1.2305	30'
40'	.3432	.3365	.3574	2.7980	.9417	1.2275	20'
50'	.3462	.3393	.3607	2.7725	.9407	1.2246	10'
20° 00'	.3491	.3420	.3640	2.7475	.9397	1.2217	70° 00'
10'	.3520	.3448	.3673	2.7228	.9387	1.2188	50'
20'	.3549	.3475	.3706	2.6985	.9377	1.2159	40'
30'	.3578	.3502	.3739	2.6746	.9367	1.2130	30'
40'	.3607	.3529	.3772	2.6511	.9356	1.2101	20'
50'	.3636	.3557	.3805	2.6279	.9346	1.2072	10'
21° 00'	.3665	.3584	.3839	2.6051	.9336	1.2043	69° 00'
10'	.3694	.3611	.3872	2.5826	.9325	1.2014	50'
20'	.3723	.3638	.3906	2.5605	.9315	1.1985	40'
30'	.3752	.3665	.3939	2.5386	.9304	1.1956	30'
40'	.3782	.3692	.3973	2.5172	.9293	1.1926	20'
50'	.3811	.3719	.4006	2.4960	.9283	1.1897	10'
22° 00'	.3840	.3746	.4040	2.4751	.9272	1.1868	68° 00'
10'	.3869	.3773	.4074	2.4545	.9261	1.1839	50'
20'	.3898	.3800	.4108	2.4342	.9250	1.1810	40'
30'	.3927	.3827	.4142	2.4142	.9239	1.1781	30'
40'	.3956	.3854	.4176	2.3945	.9228	1.1752	20'
50'	.3985	.3881	.4210	2.3750	.9216	1.1723	10'
23° 00'	.4014	.3907	.4245	2.3559	.9205	1.1694	67° 00'
10'	.4043	.3934	.4279	2.3369	.9194	1.1665	50'
20'	.4072	.3961	.4314	2.3183	.9182	1.1636	40'
30'	.4102	.3987	.4348	2.2998	.9171	1.1606	30'
40'	.4131	.4014	.4383	2.2817	.9159	1.1577	20'
50'	.4160	.4041	.4417	2.2637	.9147	1.1548	10'
24° 00'	.4189	.4067	.4452	2.2460	.9135	1.1519	66° 00'
10'	.4218	.4094	.4487	2.2286	.9124	1.149	50'
20'	.4247	.4120	.4522	2.2113	.9112	1.1461	40'
30'	.4276	.4147	.4557	2.1943	.9100	1.1432	30'
40'	.4305	.4173	.4592	2.1775	.9088	1.1403	20'
50'	.4334	.4200	.4628	2.1609	.9075	1.1374	10'
25° 00'	.4363	.4226	.4663	2.1445	.9063	1.1345	65° 00'
10'	.4392	.4253	.4699	2.1283	.9051	1.1316	50'
20'	.4422	.4279	.4734	2.1123	.9038	1.1286	40'
30'	.4451	.4305	.4770	2.0965	.9026	1.1257	30'
40'	.4480	.4331	.4806	2.0809	.9013	1.1228	20'
50'	.4509	.4358	.4841	2.0655	.9001	1.1199	10'
26° 00'	.4538	.4384	.4877	2.0503	.8988	1.117	64° 00'
10'	.4567	.4410	.4913	2.0353	.8975	1.1141	50'
20'	.4596	.4436	.4950	2.0204	.8962	1.1112	40'
30'	.4625	.4462	.4986	2.0057	.8949	1.1083	30'
40'	.4654	.4488	.5022	1.9912	.8936	1.1054	20'
50'	.4683	.4514	.5059	1.9768	.8923	1.1025	10'
27° 00'	.4712	.4540	.5095	1.9626	.8910	1.0996	63° 00'
		Cos	Ctg	tan	Sen	Radianes	Grados

Tabla de valores de las funciones trigonométricas (*cont…*)

Grados	Radianes	Sen	tan	Ctg	Cos		
27° 00'	.4712	.4540	.5095	1.9626	.8910	1.0996	63° 00'
10'	.4741	.4566	.5132	1.9486	.8897	1.0966	50'
20'	4771	.4592	.5169	1.9347	.8884	1.0937	40'
30'	.4800	.4617	.5206	1.9210	.8870	1.0908	30'
40'	.4829	.4643	.5243	1.9074	.8857	1.0879	20'
50'	.4858	.4669	.5280	1.8940	.8843	1.0850	10'
28° 00'	.4887	.4695	.5317	1.8807	.8829	1.0821	62° 00'
10'	.4916	.4720	.5354	1.8676	.8816	1.0792	50'
20'	.4945	.4746	.5392	1.8546	.8802	1.0763	40'
30'	.4974	.4772	.5430	1.8418	.8788	1.0734	30'
40'	.5003	.4797	.5467	1.8291	.8774	1.0705	20'
50'	.5032	.4823	.5505	1.8165	.8760	1.0676	10'
29° 00'	.5061	.4848	.5543	1.8040	.8746	1.0647	61° 00'
10'	.5091	.4874	.5581	1.7917	.8732	1.0617	50'
20'	.5120	.4899	.5619	1.7796	.8718	1.0588	40'
30'	.5149	.4924	.5658	1.7675	.8704	1.0559	30'
40'	.5178	.4950	.5696	1.7556	.8689	1.0530	20'
50'	.5207	.4975	.5735	1.7437	.8675	1.0501	10'
30° 00'	.5236	.5000	.5774	1.7321	.8660	1.0472	60° 00'
10'	.5265	.5025	.5812	1.7205	.8646	1.0443	50'
20'	.5294	.5050	.5851	1.7090	.8631	1.0414	40'
30'	.5323	.5075	.5890	1.6977	.8616	1.0385	30'
40'	.5352	.5100	.5930	1.6864	.8601	1.0356	20'
50'	.5381	.5125	.5969	1.6753	.8587	1.0327	10'
31° 00'	.5411	.5150	.6009	1.6643	.8572	1.0297	59° 00'
10'	.5440	.5175	.6048	1.6534	.8557	1.0268	50'
20'	.5469	.5200	.6088	1.6426	.8542	1.0239	40'
30'	.5498	.5225	.6128	1.6319	.8526	1.0210	30'
40'	.5527	.5250	.6168	1.6212	.8511	1.0181	20'
50'	.5556	.5275	.6208	1.6107	.8496	1.0152	10'
32° 00'	.5585	.5299	.6249	1.6003	.8480	1.0123	58° 00'
10'	.5614	.5324	.6289	1.5900	.8465	1.0094	50'
20'	.5643	.5348	.6330	1.5798	.8450	1.0065	40'
30'	.5672	.5373	.6371	1.5697	.8434	1.0036	30'
40'	.5701	.5398	.6412	1.5597	.8418	1.0007	20'
50'	.5730	.5422	.6453	1.5497	.8403	.9977	10'
33° 00'	.5760	.5446	.6494	1.5399	.8387	.9948	57° 00'
10'	.5789	.5471	.6536	1.5301	.8371	.9919	50'
20'	.5818	.5459	.6577	1.5204	.8355	.9890	40'
30'	.5847	.5519	.6619	1.5108	.8339	.9861	30'
40'	.5876	.5544	.6661	1.5013	.8323	.9832	20'
50'	.5905	.5568	.6703	1.4919	.8307	.9803	10'
34° 00'	.5934	.5592	.6745	1.4826	.8290	.9774	56° 00'
10'	.5963	.5616	.6787	1.4733	.8274	.9745	50'
20'	.5992	.5640	.6830	1.4641	.8258	.9716	40'
30'	.6021	.5664	.6873	1.4550	.8241	.9687	30'
40'	.6050	.5688	.6916	1.4460	.8225	.9657	20'
50'	.6080	.5712	.6959	1.4370	.8208	.9628	10'
35° 00'	.6109	.5736	.7002	1.4281	.8192	.9599	55° 00'
10'	.6138	.5760	.7046	1.4193	.8175	.9570	50'
20'	.6167	.5783	.7089	1.4106	.8158	.9541	40'
30'	.6196	.5807	.7133	1.4019	.8141	.9512	30'
40'	.6225	.5831	.7177	1.3934	.8124	.9483	20'
50'	.6254	.5854	.7221	1.3848	.8107	.9454	10'
36° 00'	.6283	.5878	.7265	1.3764	.8090	.9425	54° 00'
		Cos	Ctg	tan	Sen	Radianes	Grados

Tabla de valores de las funciones trigonométricas (*cont…*)

Grados	Radianes	Sen	tan	Ctg	Cos		
36° 00'	.6283	.5378	.7265	1.3764	.8090	.9425	54° 00'
10'	.6312	.5901	.7310	1.3680	.8073	.9396	50'
20'	.6341	.5925	.7355	1.3597	.8056	.9367	40'
30'	.6370	.5948	.7400	1.3514	.8039	.9338	30'
40'	.6400	.5972	.7445	1.3432	.8021	.9308	20'
50'	.6429	.5995	.7490	1.3351	.8004	.9279	10'
37° 00'	.6458	.6018	.7536	1.3270	.7986	.9250	53° 00'
10'	.6487	.6041	.7581	1.3190	.7969	.9221	50'
20'	.6516	.6065	.7627	1.3111	.7951	.9192	40'
30'	.6545	.6088	.7673	1.3032	.7934	.9163	30'
40'	.6574	.6111	.7720	1.2954	.7916	.9134	20'
50'	.6603	.6134	.7766	1.2876	.7898	.9105	10'
38° 00'	.6632	.6157	.7813	1.2799	.7880	.9076	52° 00'
10'	.6661	.6180	.7860	1.2723	.7862	.9047	50'
20'	.6690	.6202	.7907	1.2647	.7844	.9018	40'
30'	.6720	.6225	.7954	1.2572	.7826	.8988	30'
40'	.6749	.6248	.8002	1.2497	.7808	.8959	20'
50'	.6778	.6271	.8050	1.2423	.7790	.8930	10'
39° 00'	.6807	.6293	.8098	1.2349	.7771	.8901	51° 00'
10'	.6836	.6316	.8146	1.2276	.7753	.8872	50'
20'	.6865	.6338	.8195	1.2203	.7735	.8843	40'
30'	.6894	.6361	.8243	1.2131	.7716	.8814	30'
40'	.6923	.6383	.8292	1.2059	.7698	.8785	20'
50'	.6952	.6406	.8342	1.1988	.7679	.8756	10'
40° 00'	.6981	.6428	.8391	1.1918	.7660	.8727	50° 00'
10'	.7010	.6450	.8441	1.1847	.7642	.8698	50'
20'	.7039	.6472	.8491	1.1778	.7623	.8668	40'
30'	.7069	.6494	.8541	1.1708	.7604	.8639	30'
40'	.7098	.6517	.8591	1.1640	.7585	.8610	20'
50'	.7127	.6539	.8642	1.1571	.7566	.8581	10'
41° 00'	.7156	.6561	.8693	1.1504	.7547	.8552	49° 00'
10'	.7185	.6583	.8744	1.1436	.7528	.8523	50'
20'	.7214	.6604	.8796	1.1369	.7509	.8494	40'
30'	.7243	.6626	.8847	1.1303	.7490	.8465	30'
40'	.7272	.6648	.8899	1.1237	.7470	.8436	20'
50'	.7301	.6670	.8952	1.1171	.7451	.8407	10'
42° 00'	.7330	.6691	.9004	1.1106	.7431	.8378	48° 00'
10'	.7359	.6713	.9057	1.1041	.7412	.8348	50'
20'	.7289	.6734	.9110	1.0977	.7392	.8319	40'
30'	.7418	.6756	.9163	1.0913	.7373	.8290	30'
40'	.7447	.6777	.9217	1.0850	.7353	.8261	20'
50'	.7476	.6799	.9271	1.0786	.7333	.8232	10'
43° 00'	.7505	.6820	.9325	1.0724	.7314	.8203	47° 00'
10'	.7534	.6841	.9380	1.0661	.7294	.8174	50'
20'	.7536	.6862	.9435	1.0599	.7274	.8145	40'
30'	.7592	.6884	.9490	1.0538	.7254	.8116	30'
40'	.7621	.6905	.9545	1.0477	.7234	.8087	20'
50'	.7650	.6926	.9601	1.0416	.7214	.8058	10'
44° 00'	.7679	.6947	.9657	1.0355	.7193	.8029	46° 00'
10'	.7709	.6967	.9713	1.0295	.7173	.7999	50'
20'	.7738	.6988	.9770	1.0235	.7153	.7970	40'
30'	.7767	.7009	.9827	1.0176	.7133	.7941	30'
40'	.7796	.7030	.9884	1.0117	.7112	.7912	20'
50'	.7825	.7050	.9942	1.0058	.7092	.7883	10'
45° 00'	.7854	.7071	1.0000	1.0000	.7071	.7854	45° 00'
		Cos	Ctg	tan	Sen	Radianes	Grados

Bibliografía

Agustín Anfossi, *Geometría analítica*, Ed. Progreso, S.A., México, 1968.

Álvaro Pinzón, *Cálculo diferencial*, Colección Harper, Ed. Harla, México, 1977.

Anfossi Agustín, Flores Meyer, *Álgebra*, Vigesimosegunda edición, Ed. Progreso, S.A., México, 1988.

Baldor, Aurelio, *Aritmética teórico-práctica*, Cultural, México, 1988.

Barnett, Rich, *Geometría plana con coordenadas*, McGraw-Hill, México, 1971.

Bohuslov, *Geometría Analítica, Introducción al precálculo*, Hispano-Americano, S.A. de C.V., México, 1983.

Bosch Guerra, Hernández Oteyza, *Cálculo diferencial e integral*, Publicaciones Culturales, México, 1999.

Charles H. Lehmann, *Geometría analítica*, Hispano-Americano, S.A. de C.V., México, 1972.

Claudio Pita Ruiz, *Cálculo de una variable*, Prentice Hall, México, 1998.

Earl W. Swokowski, *Cálculo con geometría analítica*, Grupo editores Iberoamericana, México, 1989.

Edwards Penney, Pearson, *Cálculo con geometría analítica*, Prentice Hall, México, 1996.

Gordón Fuller, Dalto Tarwater, Addison-Wesley, *Geometría analítica*, Iberoamericana, México, 1988.

Guerra Tejeda, Figueroa Campos, *Geometría analítica para bachillerato*, McGraw-Hill, México, 1999.

Gustafson David R., *Álgebra intermedia*, International Thomson Editores, México, 1995.

H. Lehmann Charles, *Álgebra*, Editorial Limusa, México, 1999.

Harcourt Brace Jovanovich, *Cálculo*, Ed. SITESA, Sistemas técnicos, México, 1990.

Harcourt, Jovanovich Brace, *Teoría y práctica trigonometría*, Ed. SITESA, México, 1990.

James Stewart, *Cálculo Diferencial e Integral*, International Thomson Editores, México, 1999.

Joseph H. Kindle, *Geometría analítica*, McGraw-Hill, México, 1994.

Leithold Louis, *Álgebra y trigonometría con geometría analítica*, Ed. Harla, México, 1995.

Leithold Louis, *Álgebra*, Oxford University Press, México, 2000.

Leithold Louis, *El cálculo*, Oxford University Press, México, 1989.

N. Piskunov, *Cálculo diferencial e integral*, 5a. ed., traducción al español, Ed. Mir, Moscú, 1980.

Pedro Lezama y Noriega, *Geometría Analítica Bidimensional*, CECSA, México, 1970.

Pérez Seguí, María Luisa, *Teoría de números*, Instituto de Matemáticas, UNAM, México, 2004.

Purcell, Jorberg, *Cálculo con Geometría Analítica*, Prentice Hall, México, 1992.

R. A. Kalnin, *Álgebra y funciones elementales*, traducción al español, Ed. Mir, Moscú, 1973.

Silva Juan Manuel, *Fundamentos de matemáticas*, Limusa Noriega Editores, México, 2000.

Swokowski, Earl W, *Álgebra y trigonometría con geometría analítica*, 10a. ed., International Thomson Editores, México, 2002.

V. B. Lidski, *Problemas de matemáticas elementales*, 1a. ed., traducción al español, Ed. Mir, Moscú, 1978.

V. Litvinenko, A. Mordkovich, *Prácticas para resolver problemas matemáticos*, traducción al español, Ed. Mir, Moscú, 1989.

Vinogradov, Iván, *Fundamentos de la teoría de los números*, traducción al español, Ed. Mir, Moscú, 1977.

Viñals, Jaime, *Ayúdame con la tarea de matemáticas*, Ed. Lexus, Barcelona, 1999.

W. Swokowski Earl, *Álgebra universitaria*, Compañía Editorial Continental, S.A., México, 1998.

W. Swokowski Earl, Cole Jeffery A., *Álgebra y trigonometría con geometría analítica*, 10a. ed., International Thomson, México, 2004.

William Anthony Granville, *Cálculo diferencial e integral*, Noriega Editores Limusa, México, 2001.